Index of Claims

| Appli | cation | /Contro | ol No. |
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09/765,623

Examiner

Quang N. Nguyen

Applicant(s)/Patent under Reexamination

KANEKO, HIROYUKI

Art Unit

2141

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| _ | (Through numeral)<br>Cancelled |
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|   | Interference |

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| Cla   | aim  | Date            |                                 |          |          |                |              |              |                |              |
|-------|--|-----------------|---------------------------------|----------|----------|----------------|--------------|--------------|----------------|--------------|
|       | 1  |                 |                                 |          |          | Т              | Т            | Τ            | Τ              | Т            |
| Final | Original   | 5/4/04          | ı                               | 11/2/05  |          |                |              |              |                |              |
|       | 1  | J               | \<br>\<br>\<br>\<br>\<br>\<br>\ | J        |          | 1-             |              | t            | t              | 1            |
|       | 2  | ij              | Ì                               | V        | Н        | T              | T-           | †            | ┰              | 1            |
|       | 3  | V               | Ì                               | Ĭ        | H        | 1-             | $\top$       | 1            | T              | T            |
|       | 4  | 1               | 7                               | 1        | $\vdash$ | $\vdash$       | ╁            |              | T              | t            |
|       | 5  | 1               | 7                               | 1        |          | ┢              | ╁            |              | 十              | +            |
|       | 6  | 1               | ,/                              | 1        | -        | ╈              | ╁            | $t^{-}$      | 1              | ╁┈           |
|       | 7  | ľ               | Ť                               | Ť        | -        | +              | ╁╴           | +            | +              | +            |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7                          |                 |                                 | -        | _        | ╁              | ╁╴           | ╁╌           | +              | ╁            |
|       | 9  |                 | _                               |          | -        | $\vdash$       | ╁            | +            | ╁              | 1            |
|       | 10   | -               | _                               |          |          | +              | ╁─           | $\vdash$     | $\vdash$       | +            |
|       | 11   | $\vdash$        |                                 | $\vdash$ |          | ╁              | 1            | 1            | +              | ╁            |
|       | 12   |                 | -                               |          |          | ┼              | ╁            | $\vdash$     | +              | +-           |
|       | 13   |                 | -                               |          |          | ╁╌             | $\vdash$     | +            | $\vdash$       | +-           |
|       | 14   |                 |                                 |          | _        | ┢              | 1            | ╁╌           | ╫              | ╁            |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 |                 |                                 |          | -        | $\vdash$       | t            | +            | $\vdash$       | +-           |
|       | 16   | $\vdash$        |                                 | H        |          | +-             | 1            | $\vdash$     | $\vdash$       | ╁            |
|       | 17   | $\vdash$        |                                 | _        |          |                | ┢            | ╁╌           | ┢              | 1            |
|       | 18   | Н               |                                 | -        |          | ┢              | $\vdash$     | ╁╾           | ╁              | 1            |
| -     | 10   |                 | -                               | -        |          | $\vdash$       | ├╌           | ╁            | -              | $\vdash$     |
|       | 20   | -               |                                 |          | _        | ├-             | ┢            | ├            | ┢              | H            |
|       | 21   | Н               | -                               | _        |          | ┢              | ├-           | ╁            | -              | -            |
|       | 22   | $\vdash$        |                                 |          |          | -              | -            | $\vdash$     | ├-             | <b> </b>     |
|       | 21<br>22<br>23   | Н               | -                               |          |          | ⊢              | ├            | ╀            | ⊢              | -            |
|       | 23   | $\vdash$        |                                 |          |          |                |              | ⊢            | ┝              | -            |
|       | 24<br>25<br>26<br>27                                     |                 |                                 |          |          | -              | -            | ⊢            | ⊢              | <del> </del> |
|       | 25   | Н               |                                 |          |          | <u> </u>       | ├            |              | ┝              | $\vdash$     |
|       | 20   | Н               |                                 |          |          | $\vdash$       | -            | ├            | H              |              |
|       | 21   | Н               | -                               |          |          | ⊢              | ┝            | ├—           | ⊢              | $\vdash$     |
|       | 28<br>29<br>30   | $\vdash$        | -                               | $\dashv$ |          | <del> </del>   | ⊢            | <u> </u>     | -              |              |
|       | 29   |                 |                                 | $\dashv$ |          | ⊢              | <u> </u>     | <u> </u>     | -              |              |
|       | 30   | $\dashv$        |                                 | $\dashv$ |          | <u> </u>       | ├            | ┢            | -              | -            |
|       | 31   | $\vdash$        | $\dashv$                        |          |          | ┝              | -            | ⊢            | ⊢              | $\vdash$     |
|       | 32<br>33<br>34   | $\vdash \vdash$ |                                 |          |          | <u> </u>       |              | $\vdash$     | <u> </u>       | $\vdash$     |
|       | 33   | $\vdash$        |                                 | $\dashv$ |          | <del> </del>   | _            |              | <u> </u>       | $\vdash$     |
|       | 34   | $\vdash$        | $\dashv$                        | $\dashv$ |          | ⊢-             | ├-           | -            | <u> </u>       | $\vdash$     |
|       | 35<br>36   | $\vdash \vdash$ |                                 | _        |          | <del> </del> — | <u> </u>     | $\vdash$     | <b>├</b>       |              |
|       |  | $\vdash \vdash$ |                                 | _        |          | ├—             | <u> </u>     | _            | <del> </del>   |              |
|       | 37   | -               | -                               |          |          | <u> </u>       | $\vdash$     | $\vdash$     | <del>  -</del> | Ш            |
|       | 38   | $\sqcup$        | -                               | -        |          | <u> </u>       | <u> </u>     | _            | <u> </u>       | $\square$    |
|       | 39   | $\dashv$        | -                               | -        | _        | <u> </u>       | <u> </u>     | <del> </del> | ⊢              | Щ            |
|       | 40   |                 |                                 |          |          |                |              | ⊢            |                |              |
|       | 41   | -               | _                               | _        |          | <del> </del>   | <u> </u>     | <u> </u>     | ├_             | Щ            |
|       | 42   |                 | 4                               | _        |          | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>       | Щ            |
|       | 43   | $\dashv$        |                                 | _        |          | $\vdash$       | <del> </del> |              | <u> </u>       | $\square$    |
|       | 44   | $\dashv$        |                                 |          |          | <u> </u>       | _            | <u> </u>     | <u> </u>       | $\sqcup$     |
|       | 45   | _               | _                               | 4        |          | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>       | $\sqcup$     |
|       | 46   | _               | _                               | _        | _        | ļ              | ļ            | <u> </u>     |                | Ш            |
|       | 47   | -               | _                               | 4        |          | <u> </u>       | <u> </u>     | <u> </u>     |                | Ш            |
|       | 48   | _               |                                 | _        |          | <u> </u>       |              | <u> </u>     | <u> </u>       | Щ            |
|       | 49   | _               | 4                               | _        |          |                | Ш            | <u> </u>     | <u> </u>       | Ш            |
| - 1   | 50   | - 1             | - 1                             | - 1      |          |                |              |              |                | i I          |

| Claire   | T  |          |          |          | <u> </u>     |  |          |          |          | 7   |          |          | r        |          |          |          | _        |          |             |  |           |
|----------|--|----------|----------|----------|--------------|--|----------|----------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|-------------|--|-----------|
| Claim    | +  |          | _        |          | Dat          | e  | _        | 1        |          | -   | Cla      | ıım      | Ь,       |          | _        | _        | Dat      | e_       | _           | _  | ,         |
| Original | 5/4/04   | 9/29/04  | 11/2/05  |          |              |  |          |          |          |     | Final    | Original |          |          |          |          |          |          |             |  |           |
| 1        | -  | <u> </u> |          |          | ļ            | <u> </u>   | -        | -        | L        | ┨   |          |          |          | _        | _        | _        | _        | L.       |             | ļ  | Ш         |
|          | 1√   | 1        | <b>√</b> | $\vdash$ | ┝            | -  | ├-       | ╄        | ┢        | -   | <u> </u> | 51<br>52 |          |          | _        |          | ├-       | ⊢        | ┝-          | ╄  | $\vdash$  |
| 2        | V  | V        | V        | ⊢        | ├-           | ⊢  | -        | $\vdash$ | $\vdash$ | -   |          | 52       | Ш        |          |          | ┡        | ┞        | _        | <u> </u>    | $\vdash$   | $\sqcup$  |
| 3        | 1  | 1        | V        | _        | ⊢            | ╙  | <u> </u> | ╄        | ╙        | 4   |          | 53       | Ш        |          |          | <u> </u> | <u> </u> | ╙        |             | <u> </u>   | 1         |
| 4        | V  | √        | 7        | _        | ├-           | <b> </b>   |          | ╄        | <u> </u> |     |          | 54       |          |          |          | _        | <u> </u> | <u> </u> | <u> </u>    | 1  | Ш         |
| 5        | ✓  | √        | <        |          | L            | L  | 1        | <u> </u> | L.       | 1   |          | 55       | Ш        |          |          | _        |          |          |             |  |           |
| 6<br>7   | _   √  | √        | ✓        |          | $oxed{oxed}$ | <u> </u>   | <u> </u> | ╙        | ᆫ        | 1   |          | 56       |          |          |          |          |          | <u> </u> | _           |  | Ш         |
|          |  |          |          |          | _            | <u> </u>   | L        | ╙        |          |     |          | _57      | Ш        |          |          |          |          | L        | L           |  |           |
| 8        |  | _        |          |          | L            | 乚  |          | L        |          |     |          | 58       |          |          |          |          |          | <u>L</u> |             |  |           |
| 9        |  |          |          |          |              | <u> </u>   |          |          |          |     |          | 59       |          |          |          |          |          |          |             |  |           |
| 10       | $\perp$  |          |          |          |              |  |          |          | L        |     |          | 60       |          |          |          |          |          |          |             |  | $\Box$    |
| 11       |  |          |          |          |              |  |          |          |          | ]   |          | 61       |          |          |          |          |          |          |             |  |           |
| 12       |  |          |          |          |              |  |          |          |          | ]   |          | 62       |          |          |          | Ī        |          |          |             | Π  |           |
| 13       |  |          |          |          |              | П  |          | Π        |          | ]   |          | 63       |          |          |          | _        | Τ        | П        |             |  |           |
| 14       |  |          |          |          |              |  |          |          |          | 1   |          | 64       | $\Box$   |          |          | 1        | f        | ļ .      |             |  | $\Box$    |
| 14<br>15 |  |          |          |          | Γ            |  | Π        | Г        | T        | 1   |          | 65       | $\Box$   |          | _        | _        | Т        |          | $\vdash$    | 1  | П         |
| 16       | $\top$   |          |          |          |              |  |          |          |          | 1   |          | 66       | H        |          |          | _        | 1        |          |             | <del>                                     </del> | $\vdash$  |
| 17       |  |          |          |          |              | Г  | $\vdash$ |          |          | 1   |          | 67       |          | $\neg$   |          | $\vdash$ |          |          | t           | $\vdash$   | Н         |
| 18       | T  |          |          |          | T            | Н  | 1        |          |          |     |          | 68       |          | -        | _        | $\vdash$ | $\vdash$ | $\vdash$ | <del></del> | $\vdash$   | Н         |
| 19       | +  | _        |          | _        | $\vdash$     | <del>                                     </del> | _        | $\vdash$ | $\vdash$ | 1   |          | 69       |          | $\dashv$ |          | $\vdash$ | $\vdash$ | ┢        | <u> </u>    | $\vdash$   | Н         |
| 20       | 1  |          |          | _        | -            | $\vdash$   |          | ┢        |          | 1   |          | 70       |          | $\neg$   | _        | $\vdash$ | $\vdash$ | ┢        | -           | ┼  | Н         |
| 21       | +  |          | -        |          | $\vdash$     | ├-   | ┢        | 1        | H        | 1   |          | 71       | -        |          |          | _        |          | ┢        | ⊢           | -  | $\vdash$  |
| 22       | +-   |          | -        |          | <del> </del> | $\vdash$   |          | ┢╌       | ├-       | 1   |          | 72       |          | $\dashv$ |          |          |          | _        |             | ├  | Н         |
| 23       | +-   | $\vdash$ | $\dashv$ |          | $\vdash$     |  | ⊢        | ⊢        | -        |     |          | 73       |          | $\dashv$ |          | _        | -        |          | ┢           | H  |           |
| 24       | +  |          |          |          | -            |  | ⊢        | $\vdash$ | -        | 1   |          | 74       | _        |          |          | -        | -        |          | _           | -  |           |
| 24       |  |          | -        |          | _            | _  | ⊢        | ⊢        | ├—       | {   |          |          |          |          |          |          | $\vdash$ |          | <u> </u>    | _  | Ш         |
| 25<br>26 | +  |          |          |          |              |  |          | ├-       | -        | 1   |          | 75       |          |          |          |          | _        |          |             | L  | $\square$ |
| 20       | $\perp$  |          |          | _        |              |  | -        | _        |          |     |          | 76       | _        |          |          | _        | <u> </u> |          |             | L.   |           |
| 27       | +  |          | $\dashv$ | _        |              | <u> </u>   |          | L        | -        |     |          | 77       | _        | _        |          |          | <u> </u> | _        | L.          | _  | _         |
| 28       | ┈  | -        | _        | _        | _            | <u> </u>   |          | ļ        | _        | ! ! |          | 78       | $\dashv$ | _        |          |          |          | <u> </u> | <u> </u>    | _  |           |
| 29       |  | _        | _        | _        | _            | <u> </u>   |          | <u> </u> |          |     |          | 79       | _        | _        |          |          |          | <u> </u> |             |  |           |
| 30       | 1-4  | _        | _        | _        |              | _  | _        | <u> </u> |          |     |          | 80       | $\dashv$ | _        |          |          |          |          | _           |  |           |
| 31       | $\perp \perp$  | _        |          |          |              | <u> </u>   | _        | _        | <u> </u> |     |          | 81<br>82 |          | _        |          |          |          |          | L           |  |           |
| 32       | $\sqcup$   | _        | _        |          |              | <u> </u>   |          |          | <u> </u> |     |          | 82       |          |          |          |          | <u> </u> |          |             |  |           |
| 33       |  |          |          |          |              |  |          | <u> </u> |          |     |          | 83       |          |          |          |          |          | <u> </u> |             |  |           |
| 34       | $\perp \perp$  | $\dashv$ |          |          |              | L  |          | L_       |          |     |          | 84       |          |          |          |          |          |          |             |  |           |
| 35       | ot   |          |          |          |              | <u> </u>   |          | L        |          | [   | T        | 85       |          | $\Box$   |          |          |          |          |             |  |           |
| 36       | $\perp \perp$  | l        |          |          |              |  |          |          |          | [   |          | 86       |          |          |          |          |          |          |             |  |           |
| 37       |  | [        |          | [        |              |  |          | L        |          |     |          | 87       |          |          |          |          |          |          |             |  |           |
| 38       |  | I        |          |          |              |  |          |          |          |     |          | 88       | $\Box$   |          |          |          |          |          |             |  | $\neg$    |
| 39       | $oxed{oxed}}}}}}}}}}}}}}}}}}}} $ | $\Box$   |          |          |              |  |          |          |          |     |          | 89       | T        |          |          |          |          |          |             |  |           |
| 40       |  |          |          |          |              |  |          |          |          |     | T        | 90       |          | 寸        |          |          |          |          |             |  | 一         |
| 41       |  |          | $\neg$   | $\neg$   |              |  |          |          |          |     |          | 91       | $\dashv$ |          | _        |          |          |          |             | П  | $\dashv$  |
| 42       |  |          | $\dashv$ | $\neg$   |              |  |          |          |          |     |          | 92       | $\dashv$ |          | $\neg$   |          |          |          | $\vdash$    | Н  | $\dashv$  |
| 43       |  | 7        | 寸        |          |              |  |          |          |          |     |          | 93       | _        | 7        | $\dashv$ | _        |          |          |             | Н  | $\dashv$  |
| 44       | $\Box$   |          | 1        | T        |              |  |          |          |          |     |          | 94       | $\dashv$ | $\dashv$ | $\dashv$ | _        | _        |          |             |  | $\dashv$  |
| 45       | $\Box$   |          | _        | 寸        | $\neg$       |  |          |          |          |     | -        | 95       | $\dashv$ | -        | $\neg$   | _        |          |          |             |  | $\dashv$  |
| 46       |  | $\dashv$ | 7        | - 1      |              |  |          |          |          |     |          | 96       | $\dashv$ | $\dashv$ | $\dashv$ | -        |          |          | -           | Н  | $\dashv$  |
| 47       | <del>                                     </del>   | $\dashv$ | $\dashv$ | _        |              | -  | _        |          | _        |     |          | 97       | $\dashv$ | -+       | -        | -        |          | _        |             | Н  | $\dashv$  |
| 48       | +  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | _  |          |          |          |     |          | 98       | +        | $\dashv$ | $\dashv$ | _        |          | _        |             | Н  | $\dashv$  |
| 49       | <del>                                     </del>   | +        | +        | $\dashv$ | $\dashv$     |  | -        |          | -        |     |          | 99       | $\dashv$ | $\dashv$ | $\dashv$ | -        |          |          |             | $\vdash$   | $\dashv$  |
| 50       | +-+  | +        | $\dashv$ | $\dashv$ | $\dashv$     |  |          | -        | _        |     | -        | 100      |          |          |          | _        | $\vdash$ |          | Н           | $\vdash$   | $\dashv$  |
| 1 20     |  |          |          | 1        |              |  |          |          |          | L   |          | 100      |          |          | !        |          |          |          |             |  |           |

| Cl    | aim Date                        |   |                   |          |           |          |          |          |   |                 |
|-------|---------------------------------|---|-------------------|----------|-----------|----------|----------|----------|---|-----------------|
|       |                                 |   |                   |          |           |          |          |          |   |                 |
| Final | Original                        |   |                   |          |           |          |          |          |   |                 |
|       | 101                             |   | İ                 | T        |           | Т        | İ        | Ì        |   | П               |
|       | 102<br>103<br>104<br>105<br>106 |   |                   |          |           |          | 1        |          |   | П               |
|       | 103                             |   | Т                 |          |           |          |          |          |   | П               |
|       | 104                             |   |                   | T        |           |          |          |          |   |                 |
|       | 105                             | Π |                   |          |           |          |          |          |   |                 |
|       | 106                             | Г |                   |          | Ī         |          |          | $\vdash$ | П |                 |
|       | 107                             |   |                   |          |           |          |          |          |   |                 |
|       | 108                             |   |                   | Ī        |           |          |          |          |   |                 |
|       | 109                             |   |                   |          | Γ         |          | Ī        |          |   |                 |
|       | 110                             |   |                   |          |           |          | П        |          |   |                 |
|       | 110<br>111                      |   |                   |          |           |          |          |          |   |                 |
|       | 112                             |   | 匚                 |          |           |          |          |          |   |                 |
|       | 113                             |   |                   | Ĺ        |           |          |          | L        | L |                 |
|       | 113<br>114<br>115               |   | $\Box$            |          | $\Box$    | 匚        | L        |          |   |                 |
|       | 115                             |   |                   |          |           |          | 匚        |          |   |                 |
|       | 116<br>117                      | _ |                   |          |           |          |          |          |   |                 |
|       | 117                             | L | _                 |          | L.        |          |          |          |   |                 |
|       | 118<br>119                      |   | _                 |          |           |          |          |          |   |                 |
|       | 119                             | L |                   |          |           |          |          |          |   |                 |
|       | 120                             |   |                   | L        |           |          |          |          |   |                 |
|       | 121<br>122<br>123               |   | L.                | L        |           |          |          |          |   |                 |
|       | 122                             |   |                   |          |           |          |          |          |   |                 |
|       | 123                             |   |                   | _        |           |          | L        |          |   |                 |
|       | 124<br>125                      |   |                   |          |           |          |          |          |   |                 |
|       | 125                             |   |                   |          |           |          |          | _        |   |                 |
|       | 126                             |   |                   |          |           |          | L        |          |   |                 |
|       | 127                             |   |                   |          |           |          | L        | _        |   |                 |
|       | 127<br>128<br>129<br>130<br>131 |   |                   |          |           |          |          | <u>_</u> |   | Щ               |
|       | 129                             |   |                   |          |           | _        |          | _        | _ | Ш               |
|       | 130                             | _ | L                 |          |           |          |          |          |   | Ш               |
|       | 131                             |   |                   |          |           |          |          | <u> </u> | L | Ш               |
|       | 132<br>133                      |   |                   | <u> </u> |           |          |          |          |   | Ш               |
|       | 133                             |   | $ldsymbol{f eta}$ | <u> </u> | <u> </u>  | <u> </u> | _        | <u> </u> |   | Ш               |
|       | 134                             |   |                   | <u> </u> | <u> </u>  |          | _        | <u> </u> |   | Ш               |
|       | 135                             | Ш | <u> </u>          | <u> </u> |           |          | <u> </u> |          | _ | Ц               |
|       | 136                             |   | <u> </u>          | <u> </u> | _         |          | <u> </u> |          |   | Ц               |
|       | 137                             |   | <u> </u>          |          | _         | L.       | _        | _        | _ |                 |
|       | 138<br>139                      |   |                   |          | L         | Щ        |          | <u> </u> |   | Щ               |
|       | 139                             |   | $\vdash$          | $\vdash$ | <u> </u>  | _        |          | <u> </u> |   | Щ               |
|       | 140                             |   |                   | <u> </u> | _         | $\vdash$ | <u> </u> | _        | _ |                 |
|       | 141                             |   |                   |          | _         |          | <u> </u> | _        |   | $\square$       |
|       | 142                             |   |                   | <u> </u> | <u> -</u> | $\vdash$ | <u> </u> | <u> </u> |   | Щ               |
|       | 143                             |   |                   |          |           |          | H        |          |   |                 |
|       | 144                             |   |                   |          |           | $\vdash$ | <b> </b> |          |   | $\vdash$        |
|       | 145                             | - |                   |          | <u> </u>  | Н        |          |          |   | Щ               |
|       | 146                             |   |                   |          |           | $\vdash$ |          |          |   | Н               |
|       | 147                             | _ |                   | -        |           | $\vdash$ | <b></b>  |          |   | $\vdash \vdash$ |
|       | 148                             |   |                   | -        |           |          |          |          |   | Щ               |
|       | 149                             | _ | <u> </u>          |          |           | $\sqcup$ | $\vdash$ |          |   | $\vdash$        |
|       | 150                             | ! |                   |          | :         | لـــا    |          | ليا      |   | لـــا           |